

**■ GENERAL INFORMATION**

Name: \_\_\_\_\_ Date: \_\_\_\_\_  
 Title: \_\_\_\_\_ Company: \_\_\_\_\_  
 Address: \_\_\_\_\_  
 \_\_\_\_\_  
 E-mail: \_\_\_\_\_ Phone: \_\_\_\_\_  
 CI Analytics sales contact: \_\_\_\_\_  
 Gas(es) / liquid to be monitored: \_\_\_\_\_ Instrument requested / recommended: \_\_\_\_\_  
 Quantity of instrument desired: \_\_\_\_\_ Future potential quantity of instruments: \_\_\_\_\_  
 Desired lower detectable limit: \_\_\_\_\_ Desired upper detectable limit: \_\_\_\_\_  
 Normal expected concentration: \_\_\_\_\_ Desired response time: \_\_\_\_\_  
 Desired accuracy (% of reading): \_\_\_\_\_ Desired repeatability (% of full scale): \_\_\_\_\_  
 Analyzer tag N. \_\_\_\_\_ Application \_\_\_\_\_  
 N. of streams \_\_\_\_\_

**■ PROCESS STREAM CONDITIONS (include units)**

Temperature	Minimum _____	Normal _____	Maximum _____
Pressure	Minimum _____	Normal _____	Maximum _____
Particulate (Size/Concentration)	Minimum _____	Normal _____	Maximum _____

Identify corrosive components: \_\_\_\_\_ Water content/relative humidity: \_\_\_\_\_  
 Specific gravity: \_\_\_\_\_ Phase: \_\_\_\_\_ Dew point at ambient pressure: \_\_\_\_\_



**■ STREAM COMPOSITION (with units)**

Component List	Units	Minimum	Normal	Maximum

**■ PHYSICAL LOCATION OF ANALYZER**

**Analyzer must be shielded from direct sunlight**

Atmosphere Requirements	General Purpose	Corrosive	Ingress Protection
Hazardous Atmosphere	Class _____	Division/Zone _____	Group/Temperature _____
Temperature	Minimum _____	Normal _____	Maximum _____
Humidity	Minimum _____	Normal _____	Maximum _____

Describe unusual conditions: \_\_\_\_\_  
 \_\_\_\_\_

Describe location of analyzer in relation to process: \_\_\_\_\_  
 \_\_\_\_\_

From sample take-off point to analyzer	Distance _____	Pressure _____
From analyzer to sample return	Distance _____	Pressure _____

Fast loop (specify if required): \_\_\_\_\_

**■ CURRENT METHOD OF ANALYSIS**

Method of analysis: \_\_\_\_\_ Type of instrument used: \_\_\_\_\_  
 Detection limits: \_\_\_\_\_ Time required per analysis: \_\_\_\_\_  
 Analyzer response time: \_\_\_\_\_ Sampling point: \_\_\_\_\_  
 Accuracy (% of reading): \_\_\_\_\_ Repeatability (% of full scale): \_\_\_\_\_  
 Additional information: \_\_\_\_\_  
 \_\_\_\_\_

**■ HARDWARE SPECIFICATIONS**

Required outputs:  4-20 mA     Relay logic    Other: \_\_\_\_\_  
 Specify format and protocol of serial interface: \_\_\_\_\_  
 Describe relay functions required: \_\_\_\_\_  
 \_\_\_\_\_

Power requirements	<input type="checkbox"/> 100 VAC	<input type="checkbox"/> 120 VAC	<input type="checkbox"/> 220 VAC	<input type="checkbox"/> 240 VAC
Frequency requirements	<input type="checkbox"/> 50 Hz	<input type="checkbox"/> 60 Hz	<input type="checkbox"/> 50/60 Hz	
Other	Price ceiling: _____ Analyzer tag #: _____			

**■ AVAILABILITY OF FLUIDS**

Instrument air     Nitrogen     Helium     Hydrogen     Oxygen     Steam     Zero gas

Describe relay functions required: \_\_\_\_\_  
 \_\_\_\_\_

**Attach if available:** PONA analysis, ASTM distillation profile, elemental analysis, sketch of sample system and analyzer location, description of required documentation, relay functions and outputs, explanation of sample for evaluation, process description, unusual conditions, etc.

**Return** via fax at 1.450.658.3428 and/or by e-mail at sales@cianalytics.ca